PATENT

# THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 100116)

In the Application of:	)
Mikolas et al.	) Examiner: Unknown
Serial No. 10/752,416	) Group Art Unit: 3723
Filed: January 6, 2004	•)
Title: Micromachining by Chemical Mechanical Polishing	)

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

#### Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. The references are also listed on the enclosed PTO Form 1449.

In the judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this or prior statements. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

### **United States Patents**

- 1. Chow et al. U.S. Patent 4,789,648, issued Dec. 6, 1988
- 2. Cote et al. U.S. Patent 4,956,313, issued Sept. 11, 1990
- 3. Medellin U.S. Patent 5,137,544, issued Aug. 11, 1992
- 4. Medellin U.S. Patent 5,157,876, issued Oct. 27, 1992
- 5. Yu et al. U.S. Patent 5,209,816, issued May 11, 1993
- 6. Tollini U.S. Patent 5,244,523, issued Sept. 14, 1993
- 7. Cadien et al. U.S. Patent 5,340,370, issued Aug. 23, 1994
- 8. Yu et al. U.S. Patent 5,354,490, issued Oct. 11, 1994
- 9. Brancaleoni et al. U.S. Patent 5,391,258, issued Feb. 21, 1995
- 10. Brancaleoni et al. U.S. Patent 5,476,606, issued Dec. 19, 1995
- 11. Neville et al. U.S. Patent 5,527,423, issued Jun. 18, 1996
- 12. Kaufman et al. U.S. Patent 5,783,489, issued Jul. 21, 1998
- 13. Kaufman et al. U.S. Patent 5,954,997, issued Sept. 21, 1999
- 14. Streinz et al. U.S. Patent 5,993,686, issued Nov. 30, 1999
- 15. Streinz et al. U.S. Patent 6,015,506, issued Jan. 18, 2000
- 16. Kaufman et al. U.S. Patent 6,033,596, issued Mar. 7, 2000
- 17. Kaufman et al. U.S. Patent 6,039,891, issued Mar. 21, 2000
- 18. Kaufman et al. U.S. Patent 6,063,306, issued May 16, 2000
- 19. Grumbine et al. U.S. Patent 6,068,787, issued May 30, 2000

## **United States Publication**

20. U.S. Patent Pre-Grant Publication No. 2003/0136759, published July 23, 2003.

In accordance with MPEP Sections 609 and 707.05(b), it is requested the document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Respectfully submitted,
McDonnell, Boehnen Hulbert & Berghoff LLP

Date: July 2, 2004

By:

Raafat M. Shaltout

Reg. No. 45,092

McDonnell, Boehnen Hulbert & Berghoff LLP 300 South Wacker Drive Chicago, IL 60606 312 913-0001

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## U.S. Department of Commerce Patent and Trademark Office

Atty. Docket No.

Serial No.

100178

10/752,416

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)

Applicant:

Mikolas et al.

Filing Date: Group: January 6, 2004 3723

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#### **U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	4,789,648	Dec. 6, 1988	Chow et al.			
	2.	4,956,313	Sept. 11, 1990	Cote et al.			
	3.	5,137,544	Aug. 11, 1992	Medellin			
	4.	5,157,876	Oct. 27, 1992	Medellin			
	5.	5,209,816	May 11, 1993	Yu et al.			
	6.	5,244,523	Sept. 14, 1993	Tollini			
	7.	5,340,370	Aug. 23, 1994	Cadien et al.			
	8.	5,354,490	Oct. 11, 1994	Yu et al.			
	9.	5,391,258	Feb. 21, 1995	Brancaleoni et al.			***************************************
	10.	5,476,606	Dec. 19, 1995	Brancaleoni et al.			
	11.	5,527,423	Jun. 18, 1996	Neville et al.			
	12.	5,783,489	Jul. 21, 1998	Kaufman et al.			
	13.	5,954,997	Sept. 21, 1999	Kaufman et al.			
	14.	5,993,686	Nov. 30, 1999	Streinz et al.			
	15.	6,015,506	Jan. 18, 2000	Streinz et al.			
	16.	6,033,596	Mar. 7, 2000	Kaufman et al.			
	17.	6,039,891	Mar. 21, 2000	Kaufman et al.			
	18.	6,063,306	May 16, 2000	Kaufman et al.			
	19.	6,068,787	May 30, 2000	Grumbine et al.			
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449 (Rev. 2-32)	,		Serial No.	
		100178	10/752,416	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
		Applicant: David G. Mikolas		
	•	Filing Date: January 6, 2004	Group: 3723	

#### **U.S. PATENT APPLICATION DOCUMENTS**

Examiner Initial		Document Number	Publication Date if Appropriate	Name	Class	Subclass	Filing Date
	20.	2003/0136759	Jul. 24, 2003	Mikolas			

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.